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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/474,317	12/29/1999	GREGG HOMER	12961	2106

51111 7590 11/28/2006

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EXAMINER

MIRZA, ADNAN M

ART UNIT PAPER NUMBER

2145

DATE MAILED: 11/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/474,317	HOMER, GREGG	
	Examiner	Art Unit	
	Adnan M. Mirza	2145	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2145

DETAILED ACTION

In view of the Arguments filed on 08/18/2006, PROSECUTION IS HEREBY REOPENED. ***
set forth below.

To avoid abandonment of the application, appellant must exercise one of the following
two options:

(1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37
CFR 1.113 (if this Office action is final); or,

(2) initiate a new appeal by filing a notice of appeal under 37 CFR 41.31 followed by an
appeal brief under 37 CFR 41.37. The previously paid notice of appeal fee and appeal brief fee
can be applied to the new appeal. If, however, the appeal fees set forth in 37 CFR 41.20 have
been increased since they were previously paid, then appellant must pay the difference between
the increased fees and the amount previously paid.

A Supervisory Patent Examiner (SPE) has approved of reopening prosecution by signing
below:

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all
obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
such that the subject matter as a whole would have been obvious at the time the invention was made to a person

Art Unit: 2145

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Treka et al (U.S. 6,453,345) and further in view of Kuzma (U.S. 5,771,355).

As per claims 1,7,10,20,22 Treka disclosed a method for tracking the transmission of a digital file over the Internet comprising the steps of: receiving packets constituting segments of the file in transit over the Internet (col. 2, lines 22-34); and sending the received packets unaltered to a next Internet leg in the transmission path of the file (col. 9, lines 60-67 & col. 10, lines 1-9).

However Treka did not disclose in detail, "examining file headers in said packets to determine the presence of specific identifying indicia therein".

In the same field of endeavor Kuzma disclosed, as will be understood, attachment reference is either a logical pointer or logical path that indicates either where the attachment, or copy of it resides. As will further be appreciated by those skilled in the art. A URL is a logical path used in the www HTTP. (col. 6, lines 25-28).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated as will be understood, attachment reference is either a logical pointer or logical path that indicates either where the attachment, or copy of it resides. As will further be appreciated by those skilled in the art. A URL is a logical path used in the www HTTP

Art Unit: 2145

as taught by Kuzma in the method of Treka reduce the costly needed resources in the network and reduce congestion.

3. As per claim 2 Treka-Kuzma disclosed including the additional step of recording the Internet Protocol header destination address for the file (Treka, col. 3, lines 40-48).
4. As per claims 3,4 Treka-Kuzma disclosed including the additional step of transmitting said identifying indicia and said source Internet address to a proprietor of the file (Kuzma, col. 6, lines 25-28).
5. As per claims 5,8,21 Treka-Kuzma disclosed wherein said examining step further includes: searching said file headers for TCP headers containing port numbers indicative of an email message; searching each of said packets (Treka, col. 14, lines 62-67), in which port numbers indicative of email messages were found, for an attachment; and when said attachment is found, locating the source Internet address in an IP header for the file containing the attachment (Treka, col. 15, lines 1-4).
6. As per claims 6,9,13,26 Treka-Kuzma disclosed wherein said identifying indicia comprises a user defined character sequence selected from the group consisting of: an extension to an existing file format, prepended to the file; a sequence of bits embedded in the file; and an absence of code in a predefined area within the file (Kuzma, col. 5, lines 29-48).

Art Unit: 2145

7. As per claim 11 this claim differ from the claim 1 in that recording step, e.g. claim 1 recites “recording the Internet Protocol header source address” and claim 11 recites the same thing with different wording therefore, it is rejected accordingly.

8. As per claim 12 Treka-Kuzma disclosed wherein said examining step further includes: searching said file headers for TCP headers containing port numbers indicative of email messages (Kuzma, col. 12, lines 34-49); searching each of said packets, in which port numbers indicative of email messages were found, for a MIME header indicative of an attachment (Kuzma, col. 12, lines 50-64); and when said MIME header indicative of an attachment is found: searching a header directly prepended to the file to find said identifying indicia therein, when said MIME header is indicative of an attachment containing a type of said file sought; and locating the source Internet address in an IP header for the file containing the attachment, when said identifying indicia is found (Kuzma, col. 6, lines 25-28).

9. As per claim 14 Treka-Kuzma disclosed substantially the invention including a method for tracking the transmission of a digital file over the Internet comprising the steps of: placing identifying indicia in said digital file; using a data communications monitoring device to capture packets of information being transmitted via the Internet without the alteration of the captured packets (Treka, col. 14, lines 37-49); examining certain ones of said packets to determine the presence of said identifying indicia in said file (Kuzma, col. 6, lines 25-28); and recording the source and destination Internet addresses for each of the packets containing said identifying indicia, and the identity of the file associated therewith (Kuzma, col. 6, lines 25-28).

Art Unit: 2145

10. As per claim 15 Treka-Kuzma disclosed wherein said identifying indicia is prepended to said header (Kuzma, col. 6, lines 25-28).

11. As per claim 16 Treka-Kuzma disclosed wherein said identifying indicia is embedded in said file (Kuzma, col. 6, lines 25-28).

12. As per claim 17 Treka-Kuzma disclosed the invention substantially including a method for tracking the transmission of a digital file over the Internet comprising the steps of: receiving packets constituting segments of the file in transit over the Internet; searching said packets for TCP headers containing port numbers indicative of email messages (Kuzma, col. 12, lines 34-49); searching each of said packets, in which said port numbers indicative of email messages were found, for a MIME header indicative of an attachment; and when said MIME header indicative of an attachment is found (Kuzma, col. 6, lines 25-28): searching a header directly prepended to the file to locate said identifying indicia therein, when said MIME header is indicative of an attachment containing a type of said file sought; locating the source Internet address in an IP header for the file containing the attachment containing the type of said file sought, when said identifying indicia is located; and recording, for each of the packets containing said identifying indicia, the source Internet address for the file (Kuzma, col. 12, lines 50-64); and sending the received packets unaltered to a next internet leg in the transmission path of the file (Treka, col. 14, lines 37-49).

Art Unit: 2145

13. As per claims 18,19 Treka-Kuzma disclosed including the additional step of transferring said identifying indicia and said source Internet address to a proprietor of the file (Treka, col. 14, lines 37-49).

14. As per claim 23 Treka-Kuzma disclosed wherein said identifying indicia is located in a header having a field indicating that the frame size thereof is zero bytes in length (Kuzma, col. 6, lines 25-28).

15. As per claims 24,25 Treka-Kuzma disclosed wherein said identifying indicia is located in a header having a frame size field indicating that there is no information field appended to the frame size field (Kuzma, col. 6, lines 25-28).

Response to Arguments

Applicant's arguments with respect to claims 1-26 have been considered but are moot in view of the new ground(s) of rejection.

Art Unit: 2145

Conclusion

16. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

17. The examiner can normally be reached on Monday to Friday during normal business hours. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

18. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).

Adnan Mirza

Examiner


JASON CARDONE
SUPERVISORY PATENT EXAMINER